

Art Unit 2151
Serial No. 09/918,657

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Attorney Docket No.: K35A0874

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A method of operating a mobile terminal during a synchronization session, the method comprising the steps of:
 - (a) identifying a plurality of data types, including a first data type and a second data type, to synchronize with the mobile terminal;
 - (b) identifying a first communication channel and a second communication channel;
 - (c) applying a rule base to assign the first data type to the first communication channel and the second data type to the second communication channel; and
 - (d) exchanging receiving synchronization data of the first data type over the first communication channel and exchanging receiving synchronization data of the second data type over the second communication channel;
wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.
2. **(Original)** The method as recited in claim 1, wherein the first data type identifies public data and the second data type identifies private data.

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3. **(Withdrawn)** The method as recited in claim 1, wherein:
 - (a) the first data type identifies data having a first size; and
 - (b) the second data type identifies data having a second size smaller than the first size.
4. **(Withdrawn – currently amended)** The method as recited in claim 1, wherein:
 - (a) the first communication channel ~~having~~ has a first bandwidth; and
 - (b) the second communication channel ~~having~~ has a second bandwidth less than the first bandwidth.
5. **(Withdrawn – currently amended)** The method as recited in claim 1, wherein:
 - (a) the first communication channel ~~having~~ has a first connection cost; and
 - (b) the second data communication channel ~~having~~ has a second connection cost less than the first cost.
6. **(Withdrawn)** The method as recited in claim 1, wherein:
 - (a) the first communication channel comprises a long-range cellular provider network; and
 - (b) the second communication channel comprises a short-range wireless access point.
7. **(Currently Amended)** The method as recited in claim 1, wherein the step of exchanging receiving synchronization data over the first communication channel is substantially concurrent with the step of exchanging receiving synchronization data over the second communication channel.

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8. **(Currently Amended)** A method of operating a mobile terminal during a synchronization session, the mobile terminal for communicating with at least one target computer, the target computer for applying a rule base for assigning a first data type to a first communication channel and a second data type to a second communication channel, the method of operating the mobile terminal comprising the steps of:
- (a) identifying the first communication channel and the second communication channel; and
 - (b) exchanging receiving synchronization data of the first data type over the first communication channel and exchanging receiving synchronization data of the second data type over the second communication channel;
- wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.
9. **(Original)** The method as recited in claim 8, wherein the first data type identifies public data and the second data type identifies private data.
10. **(Withdrawn)** The method as recited in claim 8, wherein:
- (a) the first data type identifies data having a first size; and
 - (b) the second data type identifies data having a second size smaller than the first size.
11. **(Withdrawn – currently amended)** The method as recited in claim 8, wherein:
- (a) the first communication channel having has a first bandwidth; and
 - (b) the second communication channel having has a second bandwidth less than the first bandwidth.

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12. **(Withdrawn – currently amended)** The method as recited in claim 8, wherein:
- (a) the first communication channel ~~having~~ has a first connection cost; and
 - (b) the second data communication channel ~~having~~ has a second connection cost less than the first cost.
13. **(Withdrawn)** The method as recited in claim 8, wherein:
- (a) the first communication channel comprises a long-range cellular provider network; and
 - (b) the second communication channel comprises a short-range wireless access point.
14. **(Currently Amended)** The method as recited in claim 8, wherein the step of ~~exchanging~~ receiving synchronization data over the first communication channel is substantially concurrent with the step of ~~exchanging~~ receiving synchronization data over the second communication channel.
15. **(Original)** The method as recited in claim 8, wherein the mobile terminal for communicating with a first target computer over the first communication channel and for communicating with a second target computer over the second communication channel, further comprising the step of transmitting an identifier to the first target computer for identifying the second target computer.

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16. **(Currently Amended)** A method of operating a first target computer to synchronize a mobile terminal over a first communication channel and over a second communication channel during a synchronization session, the mobile terminal for identifying the first communication channel and the second communication channel, the method of operating the first target computer comprising the steps of:
- (a) identifying a plurality of data types, including a first data type and a second data type, to synchronize with the mobile terminal; and
 - (b) applying a rule base to assign the first data type to the first communication channel and the second data type to the second communication channel;
wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.
17. **(Original)** The method as recited in claim 16, wherein the first data type identifies public data and the second data type identifies private data.
18. **(Withdrawn)** The method as recited in claim 16, wherein:
- (a) the first data type identifies data having a first size; and
 - (b) the second data type identifies data having a second size smaller than the first size.
19. **(Withdrawn – currently amended)** The method as recited in claim 16, wherein:
- (a) the first communication channel ~~having~~ has a first bandwidth; and
 - (b) the second communication channel ~~having~~ has a second bandwidth less than the first bandwidth.

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20. **(Withdrawn – currently amended)** The method as recited in claim 16, wherein:
- (a) the first communication channel ~~having~~ has a first connection cost; and
 - (b) the second ~~data~~ communication channel ~~having~~ has a second connection cost less than the first cost.
21. **(Withdrawn – currently amended)** The method as recited in claim 16, wherein:
- (a) the ~~second~~ first communication channel comprises a long-range cellular provider network; and
 - (b) the second communication channel comprises a short-range wireless access point.
22. **(Currently Amended)** The method as recited in claim 16, wherein synchronization data is ~~exchanged~~ transmitted over the first communication channel substantially concurrent with ~~exchanging~~ synchronization data over the second communication channel.
23. **(Currently Amended)** The method as recited in claim 16, further comprising the steps of:
- (a) receiving from the mobile terminal an identifier identifying a second target computer available for synchronizing the mobile terminal;
 - (b) configuring the first target computer to ~~exchange~~ transmit synchronization data ~~with~~ to the mobile terminal over the first communication channel; and
 - (c) configuring the second target computer to ~~exchange~~ transmit synchronization data ~~with~~ to the mobile terminal over the second communication channel.

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24. **(Currently Amended)** A mobile terminal comprising:
- (a) a screen;
 - (b) a local memory; and
 - (c) a terminal controller for synchronizing the mobile terminal during a synchronization session by:
 - identifying a plurality of data types, including a first data type and a second data type, to synchronize ~~with the mobile terminal~~;
 - identifying a first communication channel and a second communication channel;
 - applying a rule base to assign the first data type to the first communication channel and the second data type to the second communication channel;
 - and
 - exchanging ~~receiving~~ synchronization data of the first data type over the first communication channel and exchanging ~~receiving~~ synchronization data of the second data type over the second communication channel;
 - wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.
25. **(Original)** The mobile terminal as recited in claim 24, wherein the first data type identifies public data and the second data type identifies private data.
26. **(Withdrawn)** The mobile terminal as recited in claim 24, wherein:
- (a) the first data type identifies data having a first size; and
 - (b) the second data type identifies data having a second size smaller than the first size.

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27. **(Withdrawn – currently amended)** The mobile terminal as recited in claim 24, wherein:
- (a) the first communication channel ~~having~~ has a first bandwidth; and
 - (b) the second communication channel ~~having~~ has a second bandwidth less than the first bandwidth.
28. **(Withdrawn – currently amended)** The mobile terminal as recited in claim 24, wherein:
- (a) the first communication channel ~~having~~ has a first connection cost; and
 - (b) the second data communication channel ~~having~~ has a second connection cost less than the first cost.
29. **(Withdrawn)** The mobile terminal as recited in claim 24, wherein:
- (a) the first communication channel comprises a long-range cellular provider network; and
 - (b) the second communication channel comprises a short-range wireless access point.
30. **(Currently Amended)** The mobile terminal as recited in claim 24, wherein synchronization data is ~~exchanged~~ received over the first communication channel substantially concurrent with ~~exchanging~~ synchronization data over the second communication channel.

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31. **(Currently Amended)** A mobile terminal for communicating with at least one target computer, the target computer for applying a rule base for assigning a first data type to a first communication channel and a second data type to a second communication channel, the mobile terminal comprising:
- (a) a screen;
 - (b) a local memory; and
 - (c) a terminal controller for synchronizing the mobile terminal during a synchronization session by:
 - identifying the first communication channel and the second communication channel; and
 - exchanging receiving synchronization data of the first data type over the first communication channel and exchanging receiving synchronization data of the second data type over the second communication channel;
 - wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.
32. **(Original)** The mobile terminal as recited in claim 31, wherein the first data type identifies public data and the second data type identifies private data.
33. **(Withdrawn)** The mobile terminal as recited in claim 31, wherein:
- (a) the first data type identifies data having a first size; and
 - (b) the second data type identifies data having a second size smaller than the first size.

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34. **(Withdrawn – currently amended)** The mobile terminal as recited in claim 31, wherein:
- (a) the first communication channel ~~having~~ has a first bandwidth; and
 - (b) the second communication channel ~~having~~ has a second bandwidth less than the first bandwidth.
35. **(Withdrawn – currently amended)** The mobile terminal as recited in claim 31, wherein:
- (a) the first communication channel ~~having~~ has a first connection cost; and
 - (b) the second ~~data~~ communication channel ~~having~~ has a second connection cost less than the first cost.
36. **(Withdrawn)** The mobile terminal as recited in claim 31, wherein:
- (a) the first communication channel comprises a long-range cellular provider network; and
 - (b) the second communication channel comprises a short-range wireless access point.
37. **(Currently Amended)** The mobile terminal as recited in claim 31, wherein the synchronization data is ~~exchanged~~ received over the first communication channel substantially concurrent with ~~exchanging~~ synchronization data over the second communication channel.
38. **(Original)** The mobile terminal as recited in claim 31, wherein:
- (a) the mobile terminal for communicating with a first target computer over the first communication channel and for communicating with a second target computer over the second communication channel; and
 - (b) the terminal controller transmits an identifier to the first target computer for

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identifying the second target computer.

39. **(Currently Amended)** A first target computer for synchronizing a mobile terminal over a first communication channel and over a second communication channel during a synchronization session, the mobile terminal for identifying the first communication channel and the second communication channel, the target computer comprising:

- (a) a local memory; and
- (b) a controller for:

identifying a plurality of data types, including a first data type and a second data type, to synchronize with the mobile terminal; and

applying a rule base to assign the first data type to the first communication channel and the second data type to the second communication channel;

wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.

40. **(Original)** The first target computer as recited in claim 39, wherein the first data type identifies public data and the second data type identifies private data.

41. **(Withdrawn)** The first target computer as recited in claim 39, wherein:

- (a) the first data type identifies data having a first size; and
- (b) the second data type identifies data having a second size smaller than the first size.

42. **(Withdrawn)** The first target computer as recited in claim 39, wherein:

- (a) the first communication channel having has a first bandwidth; and
- (b) the second communication channel having has a second bandwidth less than

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the first bandwidth.

43. **(Withdrawn- currently amended)** The first target computer as recited in claim 39, wherein:
- (a) the first communication channel ~~having~~ has a first connection cost; and
 - (b) the second data communication channel ~~having~~ has a second connection cost less than the first cost.
44. **(Withdrawn)** The first target computer as recited in claim 39, wherein:
- (a) the first communication channel comprises a long-range cellular provider network; and
 - (b) the second communication channel comprises a short-range wireless access point.
45. **(Currently Amended)** The first target computer as recited in claim 39, wherein synchronization data is ~~exchanged~~ transmitted over the first communication channel substantially concurrent with ~~exchanging~~ synchronization data over the second communication channel.
46. **(Currently Amended)** The first target computer as recited in claim 39, wherein:
- (a) the first target computer receives from the mobile terminal an identifier identifying a second target computer available for synchronizing the mobile terminal;
 - (b) the first target computer is configured to ~~exchange~~ transmit synchronization data ~~with~~ to the mobile terminal over the first communication channel; and
 - (c) the second target computer is configured to ~~exchange~~ transmit synchronization data ~~with~~ to the mobile terminal over the second communication channel.

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47. **(Currently Amended)** A computer program embodied on a computer readable storage medium for use in a mobile terminal, the computer program for synchronizing the mobile terminal during a synchronization session, the computer program comprising code segments to perform the method comprising:
- (a) identifying a plurality of data types, including a first data type and a second data type, to synchronize ~~with the mobile terminal~~;
 - (b) identifying a first communication channel and a second communication channel;
 - (c) applying a rule base to assign the first data type to the first communication channel and the second data type to the second communication channel; and
 - (d) ~~exchanging~~ receiving synchronization data of the first data type over the first communication channel and ~~exchanging~~ receiving synchronization data of the second data type over the second communication channel;
- wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.

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48. **(Currently Amended)** A computer program embodied on a computer readable storage medium for use in a mobile terminal, the computer program for synchronizing the mobile terminal during a synchronization session, the mobile terminal for communicating with at least one target computer, the target computer for applying a rule base for assigning a first data type to a first communication channel and a second data type to a second communication channel, the computer program comprising code segments for to perform the method comprising:
- (a) identifying the first communication channel and the second communication channel; and
 - (e) exchanging receiving synchronization data of the first data type over the first communication channel and exchanging receiving synchronization data of the second data type over the second communication channel;
- wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.

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49. **(Currently Amended)** A computer program embodied on a computer readable storage medium for use in a target computer, the target computer for synchronizing a mobile terminal over a first communication channel and over a second communication channel during a synchronization session, the mobile terminal for identifying the first communication channel and the second communication channel, the computer program comprising code segments for:
- (a) identifying a plurality of data types, including a first data type and a second data type, to synchronize with the mobile terminal; and
 - (b) applying a rule base to assign the first data type to the first communication channel and the second data type to the second communication channel;
- wherein at least one of the first and second communication channels is selected from a group consisting of a cellular provider network and a short-range wireless access point.
50. **(New)** The method as recited in claim 1, wherein the short-range wireless access point comprises a Bluetooth connection.
51. **(New)** The method as recited in claim 1, wherein the short-range wireless access point comprises an 802.11b connection.
52. **(New)** The method as recited in claim 1, wherein the short-range wireless access point comprises a HomeRF connection.